

PERFORMANCE  
RELIABILITY  
AND  
VALUE

## Professional HDMI 8x8 Matrix Switcher with RS-232

Fast HDMI 8x8 Matrix Switcher with built-in HDCP and EDID Management



The KanexPro HDMI 8x8 Matrix is an ultra-high performance, digital matrix switcher engineered to route HDMI signals from 8 inputs to 8 outputs. The unit provides full HDCP internal management for today's integration in commercial A/V market, ensuring HDCP key authentication, and administering the handshake internally.

It maintains resolutions up to 1920 x 1200, 1080p or 2K, supporting full cross point switching. The matrix supports built-in EDID management for recognizing multiple display formats and sources.

### Features

- Fast-switch up to eight HDMI/DVI sources to eight displays
- Supports bandwidth up to 10.2 Gbps
- Built-in EDID & HDCP internal management
- HDCP 1.3 complaint
- Supports 3D pass-through
- Supports High-Speed HDMI Specifications (Deep Color, Lip Sync, and HD lossless audio formats)
- Supports full HD 1080p (1920x1080@60Hz)
- Computer resolutions up to WUXGA (1920x1200@60Hz)
- Supports DDC transmission
- Automatic gain compensation and equalization up to 100ft (30m)
- Supports Dolby digital-true HD, DTS-HD
- CEC protocol pass-through.
- Front-panel LEDs for input/output signal presence
- Control through, IR, RS-232 and front-panel buttons

### About KanexPro

KanexPro carries a broad selection of A/V connectivity products by leveraging the core strength in professional systems enabling you to broadcast, convert, extend, split, or multiply HD signal transmissions; simply and cost-effectively.

### KanexPro

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### Specifications

#### Video Input:

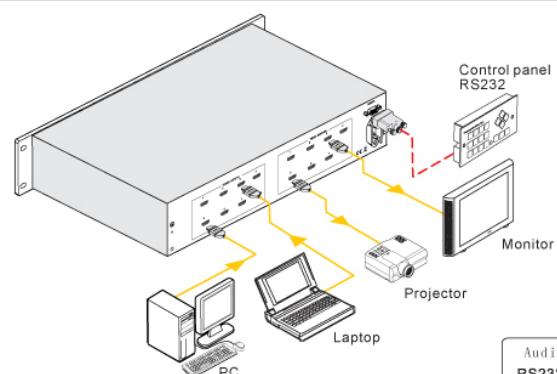
- Input: 8 HDMI
- Input Connector: HDMI 1.3
- Input Level: T.M.D.S. 2.9V/3.3V
- Input Impedance: 75Ω

#### Video Output:

- Output: 8 HDMI
- Output Connector: HDMI 1.3
- Output Level: T.M.D.S. 2.9V/3.3V
- Output Impedance: 75Ω

#### Video General:

- Gain: 0 dB
- Video Signal: HDMI (or DVI-D)
- Resolution Range: Up to 1920 x 1200 or 1080P@60Hz
- Bandwidth: 340 MHz (10.2 Gbit/s)
- Maximum Pixel Clock: 165MHz
- Switching Speed 200ns (Max.)



MPN: MXHD88A